Abstract

A method ~~and a device~~ for separation of fluid, in particular oil, gas and water, in connection with the extraction of such a fluid from formations under the surface of the earth or the sea bed. The fluid is transported in a supply pipe or transport pipe (4) to a separator (1) in the form of a tubular separator body, a gravitation tank or similar. The separated components, water and oil, are passed out of the separator separately via outlet pipes ~~(not shown)~~. The fluid upstream of the separator (1) is subjected to shear forces so that the drops in the supply flow are torn ~~tarn~~ up to form drops that are so small that the interface generally becomes new and "uncontaminated" by surfactants. The shear forces are supplied by ~~means of~~ a phase inversion device (6) in the form of a valve or similar. Water can expediently be added to the fluid upstream of the phase inversion device (6) to achieve the desired phase inversion.